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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/507,415	03/24/2005	Simo Kangas	66411-090	6882
25269	7590	09/13/2007		
DYKEMA GOSSETT PLLC FRANKLIN SQUARE, THIRD FLOOR WEST 1300 I STREET, NW WASHINGTON, DC 20005			EXAMINER NASRI, JAVAID H	
			ART UNIT 2839	PAPER NUMBER
			MAIL DATE 09/13/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/507,415

Applicant(s)

KANGAS, SIMO

Examiner

Javaid Nasri

Art Unit

2839

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3,4 and 11 is/are rejected.
- 7) ☒ Claim(s) 2 and 5-10 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 September 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☒ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |  |
|--|--|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>9/13/2004</u> . | 6) <input type="checkbox"/> Other: ____  |

## **DETAILED ACTION**

### ***Specification***

1. The disclosure is objected to because of the following informalities:

- a) Foreign priority should be mentioned on page 1, Para 1.

Appropriate correction is required.

### ***Oath/Declaration***

2. The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because:

- a) The filing date should be 3/24/2005 instead of 9/13/2004.

Note: Though it is noted that the transmittal date is 9/13/2004, but the official filing date per USPTO record is 3/24/2005.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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4. Claims 1, 3, 4 and 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Reid (6,329,810, cited in IDS).

Reid discloses, **for claim 1**, a case assembly comprising a connector assembly, and a plug-in unit comprising at least one instrument transformer (CT132, 234, 336, CT1, 2, 3, 32, 34 and 36) and configured to be connected to the case assembly, whereby, when the plug-in unit is being inserted into the case assembly, said at least one instrument transformer is configured to be connected to the connector assembly and is selected from a set comprising current transformers and voltage transformers, characterized in that wherein the set from which said at least one instrument transformer of the plug-in unit is selected, is composed of instrument transformers, coded in such a manner that the coding of the current transformers and the voltage transformers are different, and in that the connector assembly is capable of identifying the type of said at least one instrument transformer based on its coding when the plug-in unit is being connected to the case assembly (see abstract), **for claim 3**, the coding of the different kinds of instrument transformers is implemented by the coil body structures of the current transformers and the voltage transformers being different from each other, **for claims 4 and 11**, the assembly is arranged such that when the plug-in unit is connected for the first time to the case assembly, changes occur in the connector assembly of the case assembly, which in the future prevent the connection of such a plug-in unit to the case assembly that comprises a different combination of current transformers and voltage transformers than did the plug-in unit that was connected to the case assembly for the first time.

***Allowable Subject Matter***

5. Claims 2 and 5-10 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

**REASONS FOR ALLOWANCE**

6. The following is an examiner's statement of reasons for allowance:

The reason for allowance of the claims is the inclusion of the limitation,

- a) For claim 2, none of the prior art teaches or suggest, alone or in combination the assembly being arranged such that the connection of the plug-in unit for the first time to the case assembly achieves changes in the connector assembly which are being based on a type identification carried out based on the coding of the instrument transformers, in combination with other limitations in the claim which is not found in the prior art reference of record.
- b) For claim 5, none of the prior art teaches or suggest, alone or in combination when the plug-in unit is connected for the first time to the case assembly, the short-circuit element corresponding to each voltage transformer switches to an operational state, it does not short the corresponding pair of contacts in any situation, the short-circuit element corresponding to each current transformer switches to an operational state, in combination with other limitations in the claim which is not found in the prior art reference of record.

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- c) For claim 6, none of the prior art teaches or suggest, alone or in combination a spring being configured to push the short-circuit bit outwards in the radial direction of the body, and a rotating means configured to rotate the short-circuit element around the axis of rotation of the cylindrical body, in combination with other limitations in the claim which is not found in the prior art reference of record.
- d) For claim 8, none of the prior art teaches or suggest, alone or in combination the coil body structure of each instrument transformer having a coding bracket, one front corner being beveled such that the beveled part extends at least up to the imagined midline of the coding bracket, in combination with other limitations in the claim which is not found in the prior art reference of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

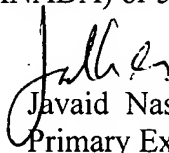
#### **Contact**

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Javaid Nasri whose telephone number is 571 272 2095. The examiner can normally be reached on Monday to Friday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tulsidas C. Patel can be reached on 571 272 2800 ext 39. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Javaid Nasri  
Primary Examiner  
Art Unit 2839

JN

Jhn  
September 8, 2007